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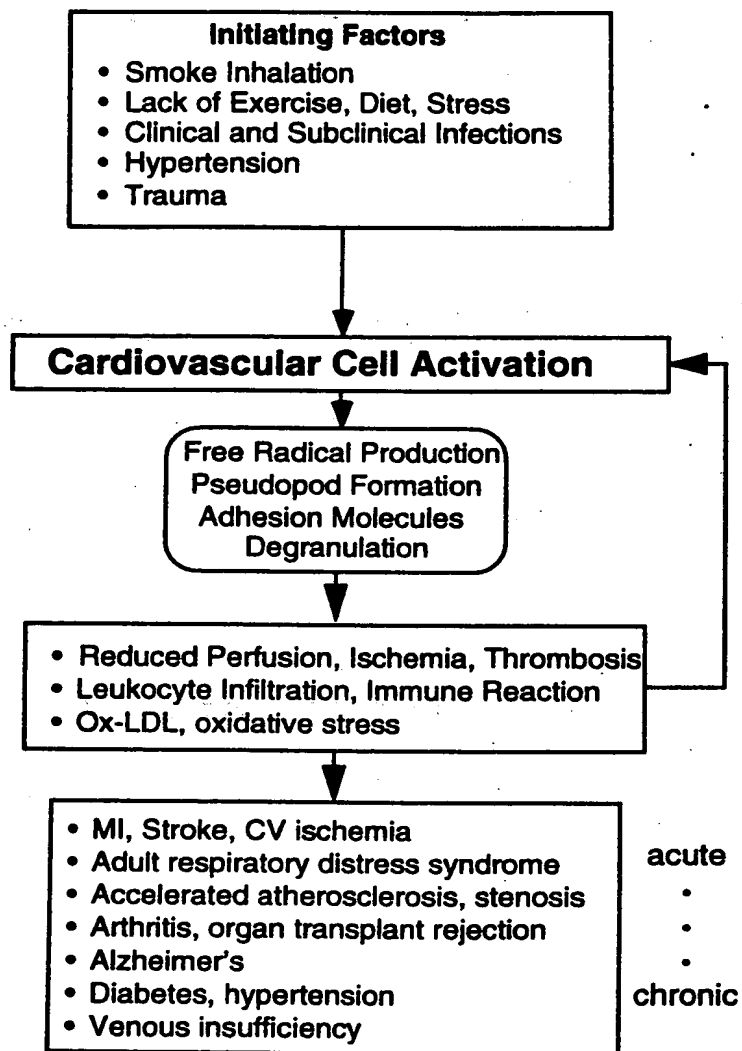


FIGURE 1

Cell Activation Diagnostic and Therapy Points

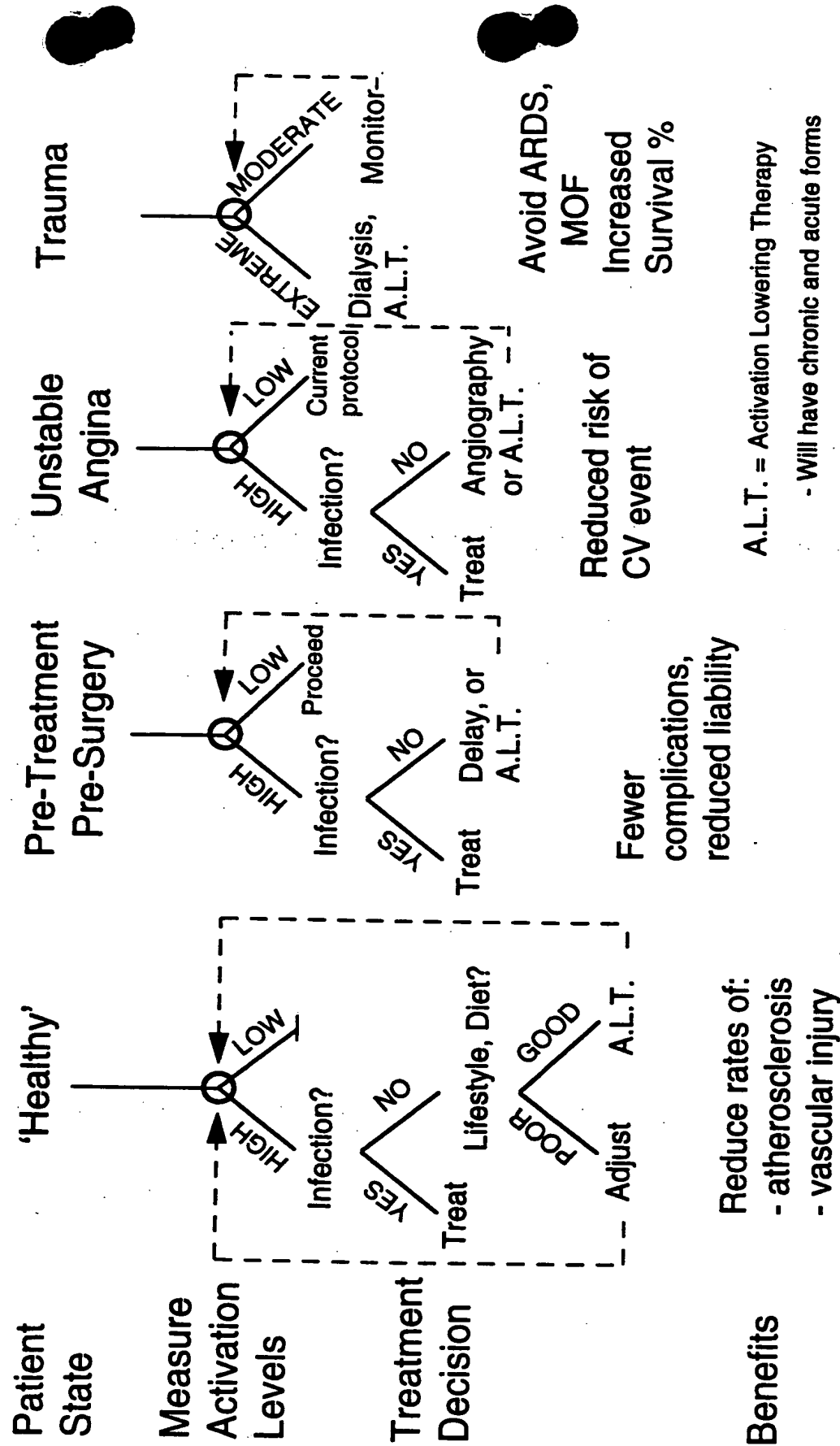


FIGURE 3a

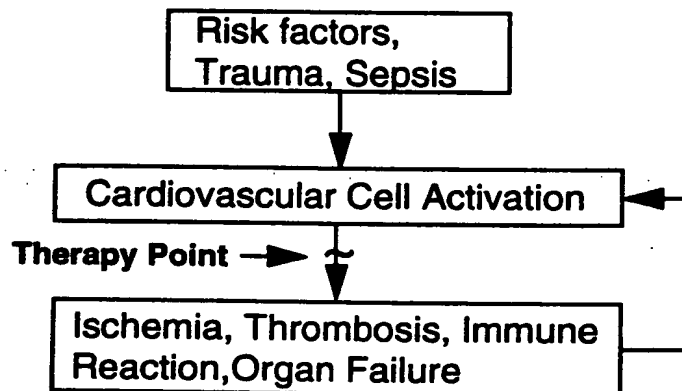


FIGURE 3b

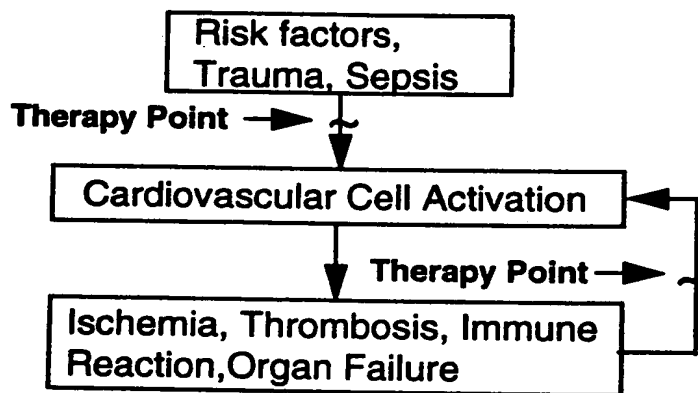
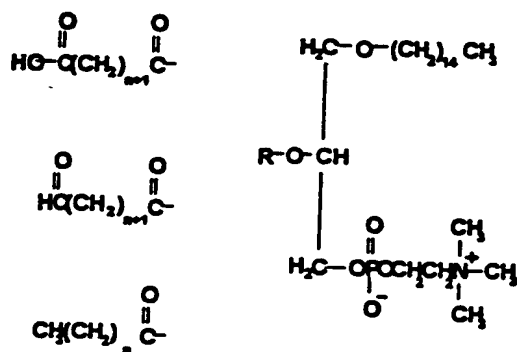
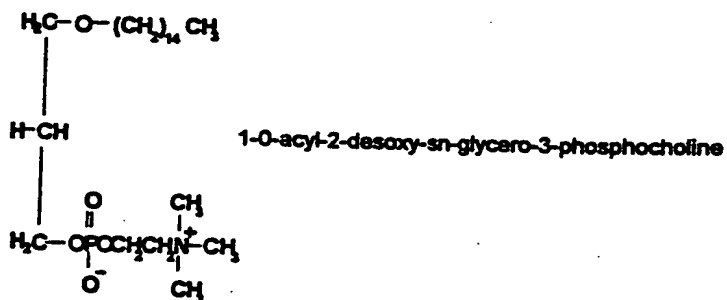
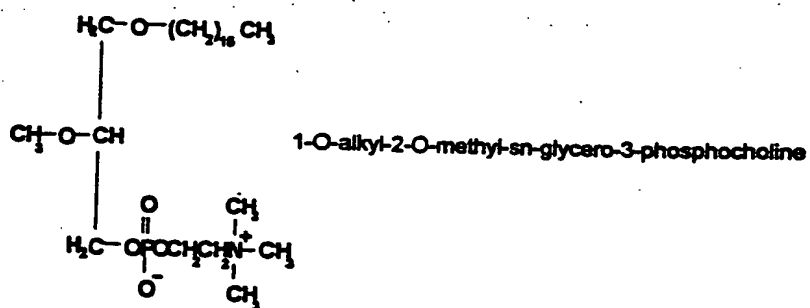
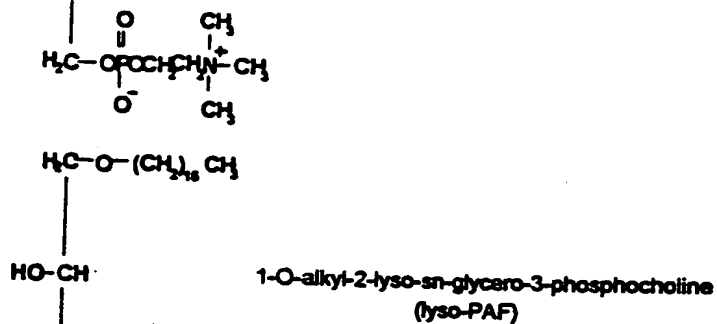
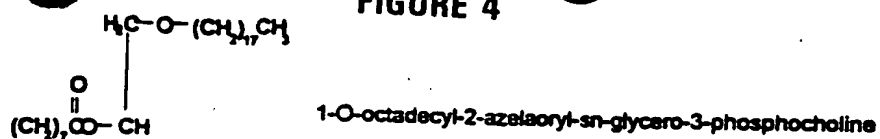


FIGURE 4



docosahexaenoic acid-containing phosphatidylcholine (n=1),
arachidonic acid-containing phosphatidylcholine (n=2), and
linoleic acid-containing phosphatidylcholine (n=6)

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FIGURE 5a

Letter Key for peptide origin:

b = bovine
h = hamster
m = man
o = other
r = rat

SR
AR
TNA
NAL
AL
TPTDDDDDK
FPLDDDDDK
FPVDDDDDK
APFDDDDDKI
APFDDDDDK
DDDDDK
CGVPAIQPVLSGLSR
CGVPAIPPVLSGLSR
CGVPAIQPVLSGL
CGVPAIPPVLSGLSR
CGVPSIPPVLSGLSR
CGVPAIKPALBFB
MAFLWLVSCFALVGATFG
MLRFLVFASLVLYGHS
MIRALLSTLVAGALS
CGYPTYEVQHDVSR
TQDFPETNAR
DFPETNAR
CGLPANLPQLPR
CGDPTYPPYVTR
CGVSTYAPDMSR
FPVDDDDDK
VDDDDDK
DSGISPR
EEGISSR
EAGLNSR
GISPR
ENGISPR
EHP
EHWSYGLRPG
VHLSAEEKEA
AGCKNFFWKFTSC
CYIQNCPRG
CYIQNCPLG
HSQGTFTSDYSKYLDSSRAQDFVQWLMNT
RPPGFSPFR
HSDGTFTSELSRLRDSARLQRLQGLV
ISDRDYMGMWDF
SDNNQQGKSAQQGGY
ECG

p chymotrypsinogen A(14-15)
p chymotrypsinogen B(14-15)
b neochymo A autoactivation(147-9)
b neochymo B autoactivation(147-9)
b neochymo B autoactivation(148-9)
o anionic trypsinogen activation peptide
o cationic trypsinogen activation peptide
b cationic trypsinogen activation peptide
h trypsinogen residue (human)
h trypsinogen 2 peptide
h trypsinogen 3 peptide
b chymotrypsinogen A sigtransduction
p chymotrypsinogen A sigtransduction
b chymotrypsinogen B sigtransduction
p chymotrypsinogen B sigtransduction
p chymotrypsinogen C sigtransduction
p chymotrypsinogen D sigtransduction
r chymotrypsinogen B sigtransduction
r proelastase 1 sigtransduction
p proelastase 2 sigtransduction
r proelastase 2
r proelastase 1
r proelastase 1
p proelastase 2
m proelastase 2A
m proelastase 2B
p trypsinogen
b trypsinogen
m phospholipase A2
p phospholipase A2
b phospholipase A2
o phospholipase A2 (horse1)
o phospholipase A2 (horse2)
m thyrotropin-releasing
m gonadotropin-releasing
m growth-hormone-releasing
m somatostatin
m vasotocin
m oxytocin
m glucagon
m bradykinin
m secretin
m cholecystokinin-pancreozymin (C-term)
m scotophobin
m glutathione

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FIGURE 5b

SYSMEHFRWGKPVGKKRRPVKVYPNGAEDELAEAFPLEF	p adrenocotricotropin
SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAUAFPLEF	m adrenocotricotropin
SYSMEHFRWGKPVGKKRRPVKVYPNGEADSAQAFPLEF	b adrenocotricotropin
SYSMEHFRWGKPV	m MSH
DIGYS	p CRP-I (C-reactive protein)
SWESA	p CRP-II (C-reactive protein)
KPQLWP	p CRP-III not reactive (C-reactive protein)
LFEVPEVT	p CRP-IV not reactive (C-reactive protein)
VGGSEI	p CRP-V not reactive (C-reactive protein)
WDFV	p CRP-VI (C-reactive protein)
NMWDFV	p CRP-VII (C-reactive protein)
LVAGD	m leukotaxin (no sequence order)
RKPVL YATNGSQDC	m leukocyte promotion factor
SYSM	m ACTH fragment
BMLF	o fMLP (chemotactic factor)
TN	b chymotrypsinogen A (247-8)
SHLVE	o peptidetide cleaved by chymo C
AKKK	o peptidetide cleaved at brushborder
AAAA	o peptidetide cleaved at brshborder
KKKK	o peptidetide cleaved at brushborder
AKKKK	o peptidetide cleaved at brushborder
KKKKK	o peptidetide cleaved at brushborder
LWMRFA	o peptidetide cleaved at brushborder
KKKKKK	o peptidetide cleaved at brushborder
VAAKIVG	o peptidetide cleaved at brushborder
VCGE	o insulin B fragment
LCGS	o insulin B fragment
LVCG	o insulin B fragment
ELR	o neutrophil chemotactic peptide
ELRC	o neutrophil chemotactic peptide
AELR	o part of NAP-2
SSSGEHFEGEKVFHVNVEDENDIQ	p pro-carboxypeptidase B
KEDFVGHQVLRISVDDEAQVQVKEL	p carboxypeptidase A activation
peptide	
MAGRGGSRVLALCAALAAGGWLLAA	r carboxypeptidase E signal peptide
KEDFVGHQVLRITAADAEVQ	p pro-carboxypeptidase A
TTGHSYEK	p cleavage procarboxypeptide B
SVLEAQFDSR	p cleaved F4 procarboxypeptidase B
HHDGEHFEGEKVFR	p cleaved procarboxypeptidase B
YVTR	h proelastase
VVGG	h proelastase 2
YVTR	h proelastase activation sequence
AAPPRGR	o profactor D fragment
APPRGR	o profactor D fragment
STFWAYQPDGDNDPTDYQKYEHTSSPS	QLLAPGDYPCVIE r CCK-releasing factor
GRGDSP	o integrin endothelial (RGD)
GRGESP	o integrin endothelial (RGE)
APGPR	r enterostatin (gut)
vpgpr	r enterostatin (pancreas)
FMRF	o mulluscan cardioexcitatory
LRDRDDIA	r C-terminal glucagon pancreatic peptide
APVD	r glucagonoma precursor

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Figure 1 consists of 12 subplots (a-l) showing the effect of various parameters on the rate of polymerization (R_p) for the polymerization of methyl methacrylate (MMA) initiated by benzoyl peroxide (BPO) in benzene at 60°C. The subplots are:

- (a) R_p vs. $[MMA]$: A linear plot with a slope of 1.0.
- (b) R_p vs. $[BPO]$: A linear plot with a slope of 1.0.
- (c) R_p vs. $[C_6H_6]$: A linear plot with a slope of -1.0.
- (d) R_p vs. $[MMA]^2/[BPO]$: A linear plot with a slope of 1.0.
- (e) R_p vs. $[MMA]^2/[BPO]^2$: A linear plot with a slope of 1.0.
- (f) R_p vs. $[MMA]^2/[BPO]^3$: A linear plot with a slope of 1.0.
- (g) R_p vs. $[MMA]^2/[BPO]^4$: A linear plot with a slope of 1.0.
- (h) R_p vs. $[MMA]^2/[BPO]^5$: A linear plot with a slope of 1.0.
- (i) R_p vs. $[MMA]^2/[BPO]^6$: A linear plot with a slope of 1.0.
- (j) R_p vs. $[MMA]^2/[BPO]^7$: A linear plot with a slope of 1.0.
- (k) R_p vs. $[MMA]^2/[BPO]^8$: A linear plot with a slope of 1.0.
- (l) R_p vs. $[MMA]^2/[BPO]^9$: A linear plot with a slope of 1.0.

- r Thyrotropin Re Hormone
- h composition of aa gliadin
- h composition of aa gliadin
- o proglucagon
- o preprogastrin, preproCCK
- o pancreatic peptide cleavage produce
- LDLVTRQRY o PYY (pancreatic peptide
- o adrenocorticotropin hormone fragment H
- o adrenocorticotropin hormone fragment H
- p Angiotensin II fragment
- o Angiotensin II fragment horse
- p Angiotensin III fragment
- p Angiotensinogen fragment
- o bradykinin fragments 1-5
- o bradykinin fragments 1-6
- o bradykinin fragments 1-7
- o bradykinin fragments 2-7
- o chemotactic factor for eosinophils
- o chemotactic factor for eosinophils
- o fMLP w/ Phe group
- o fMLP class
- o fMLP class
- o leucine enkephalin lys
- o ser-leu enkephalin-thr
- o met enkephalin arg phe
- o D-met, pro enkephalinamide
- o supports fibroblast attachment
- o supports fibroblast attachment
- o CCK fragment 30-33
- o leutenizing hormone fragment
- o alpha-melanocyte stimulatory hormone
- o delta-melanocyte stimulatory hormone
- o beta-casomorphin
- o beta-casomorphin fragment 1-3
- o D-ala,tyr- fragment 1-5 amide
- o D-arg,lys fragment 1-4 amide
- h hypercalcemia of malignancy factor
- o substance P fragment 1-4
- o substance P fragment 5-11
- o substance P fragment 7-11
- o thymopoietin II fragment 32-6
- o U5 peptide
- h C3a 72-77 fragment
- o hydra peptide fragment 7-11
- o leukopyrokinin fragment 4-8
- o RGD related peptide
- o lys-thymosin alpha1 fragment
- o responsible for nicks at purine in DNA
- r prothrombin precursor 5-9
- o alpha1 mating factor fragment